

CLAIMS

I Claim,

1. A locking apparatus for a magazine of a CD drive comprised of a magazine and a CD drive; the CD drive being comprised of a casing to accommodate multiple members containing a drive component to drive the magazine to enter into or exit from the casing, and the locking apparatus for the magazine to access to the casing for loading a CD into a fixed location inside the casing; the locking apparatus including a locking member linked to the drive component and a locking alley provided in relation to the locking alley at where the magazine is held in position; the locking member being provided with a locking rod disposed at a right angle to the body of the magazine; the locking alley being provided to admit the locking rod to slide in; the drive component driving the magazine to retreat from the casing or pull the magazine into a fixed location inside the casing; and the locking alley operating according to the magazine as driven by the drive component, is characterized by that: the locking alley having a free top; an entrance being provided at one end of the locking alley at where to admit the locking rod to slide in; a wider gradation being provided to the cross section of the locking alley at where in relation to the top of the locking rod; a flange being provided at the top of the locking rod; a direct connection being defined between the magazine and the locking member by the flange of the locking rod and the gradation of the locking alley when the locking rod sliding in the locking alley to prevent

the escape of the magazine from the locking alley thus to firmly secure the magazine in position.

2. A locking apparatus for a magazine of a CD drive as claimed in Claim 1, wherein, the drive component includes a gear disc to drive the magazine; a cam groove being disposed on the surface of the gear disc; a pin to reach the cam groove being provided to the locking member; a linking being provided between the cam groove and the pin when the gear disc is turning around, thus for the locking member to slide in or exit from the locking alley.